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SOURCE Minami Shina no Shigen to Sono Keizaiteki Kachi (Natural Resources of South China and Their Economic Value), published by Chikura Publishing Company, Tokyo, 1941

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LOCATION AND CAPACITY OF POWER PLANTS IN SOUTH CHINA

Summary: This report shows the distribution and capacity of electric power plants in Fukien, Kwangtung, and Kwangsi Provinces. It is based on information from the Japanese document, Minami Shina no Shigen to Sono Keizaiteki Kachi (Natural Resources of South China and Their Economic Value), published by Chikura Publishing Company, Tokyo, 1941.

The report lists the power plants according to location and name of the electric company and gives the number of generators, amount of capital, generating capacity, etc., of plants in the three provinces.

FUKIEN PROVINCE

A. Power Plants Listed by Hsien

Hsien	No of Plants	No of Generators	Capital (1,000 yuan)	Capacity (kw)
Foochow	1	3	3,270	5,500
Lien-chiang	1	1	30	40
Fu-ching	1	1	30	45
P'u-t'ien	1	2	126	157
Ssu-ming	2	8	1,400	2,960
Hsien-yu	1	1	100	80
Yung-ch'un	1	1	40	30
Chin-chiang	2*	1	100	75

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Hsien	No of Plants	No of Generators	Capital (1,000 yuan)	Capacity (kw)
Chang-t'ing	1	1	25	40
Shang-hang	1	--	--	--
Lung-ch'i	3	4	160	173
Nan-p'ing	1	--	--	--
Yung-an	1	1	20	25
Sha-hsien	1	1	20	33
Chien-ou	2	3	140	127
P'u-yu	1	1	60	30
Total	22	29	5,521	9,315

*No data for one plant

B. Power Plants Listed by Electric Companies (privately owned)

Name of Company	Location	Capital (1,000 yuan)	Type and No	AC or DC	Capacity (kw)
Foochow	Foochow	3,270	Steam turbine 3	AC	5,500
Kuan-chiang	Lien-chiang	30	Gasoline engine 1	AC	40
Fu-ching	Fu-ching	30	Diesel engine 1	AC	45
P'u-t'ien	P'u-t'ien	126	Diesel engine 2	AC	157
Amoy	Ssu-ming	1,200	Steam turbine 3	AC	2,300
Chung-hua	Ssu-ming	200	Gasoline engine 1	DC	660
Hsien-yu	Hsien-yu	100	Gasoline engine 1	AC	80
Yung-ch'un	Yung-ch'un	40	Gasoline engine 1	AC	30
Chuan-chou	Chin-chiang	100	Gasoline engine 1	AC	75
An-hai	Chin-chiang	--	--	--	--
T'ing-chou	Chang-chih	25	Gasoline engine 1	AC	40
Fu-yao	Shang-hang	--	Gasoline engine	AC	40
Lung-ch'i	Lung-ch'i	100	Gasoline engine 3	DC	136
Yung-ch'eng	Lung-ch'i	--	--		
Hua-t'ai	Lung-ch'i	60	Gasoline engine 1	DC	37
Yen-p'ing	Nan-p'ing	--	--		
Chao-ming	Yung-an	20	Hydroelectric 1	AC	25

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Name of Company	Location	Capital (1,000 yuan)	Type and No	AC or DC	Capacity (kw)
Sha-hsien	Sha-hsien	20	Gasoline engine 1	AC	32
Chien-ou	Chien-ou	100	Gasoline engine 1	AC	90
Nan-ya	Chien-ou	20	Steam turbine 1	DC	12
Shang-yang	Chien-ou	20	Gasoline engine 1	AC	25
P'u-ch'eng	P'u-ch'eng	60	Gasoline engine 1	AC	30

C. Factories Having Own Power Plants

Name	Location	No of Factories	Type	Capacity (kw)	Ownership
Ma-wei Naval Dock	Ma-wei	1	Steam turbine	175	China
Fu-chien Paper Co	Nan-t'ai	1	Steam turbine	250	China
Total	--	2	--	425	--

KWANGTUNG PROVINCE

There are 54 privately operated and one foreign-financed power plants in Kwangtung Province. Their total capital amounts to 8,965,600 yuan, and total power capacity amounts to 47,305 kilowatts. The largest company in South China is the Canton Electric Company with capital amounting to 3 million yuan and a generating capacity of 16,700 kilowatts.

A. Power Plants Listed by Hsien

Hsien	No of Plants	No of Generators	Capital (1,000 yuan)	Capacity (kw)
Canton	1	6	3,030	16,700
P'an-yu	4	5	189	304
Nan-hai	4	2	4,304	1,510
Shun-te	2	4	180	2,980
Tung-kuan	2	--	120	182
Tsung-hua	1	--	--	--
T'ai-shan	6	7	188	397
Chung-shan	3	3	755	2,025
Hsin-hui	1	4	140	370

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Hsien	No of Plants	No of Generators	Capital (1,000 yuan)	Capacity (kw)
San-shui	2	2	70	155
Ching-yuan	1	2	35	875
Kao-yao	1	3	60	140
Ssu-hui	1	2	30	142
K'ai-p'ing	3	--	90	--
Lo-ting	1	--	25	--
Yu-nan	1	--	--	--
Ch'u-chiang	1	2	100	180
Nan-hsiung	1	--	50	--
Ying-te	1	--	20	--
Hui-yang	1	2	35	100
Hai-feng	1	--	40	--
Lung-ch'uan	1	--	80	168
Ch'ao-an	1	2	110	310
Swatow	1	4	56.4	1,540
Chieh-yang	1	1	40	125
Mei-hsien	1	2	62	90
Hsing-ning	1	--	32.4	40
Mao-ming	1	--	80	40
Yang-chiang	1	--	18	64
Ch'iung-shan	1	2	100	100
Wen-ch'ang	1	--	--	--
Yai-hsien	1	--	--	--
Ch'in-hsien	1	--	11	--
Tseng-ch'eng	1	1	14	30
Total	54	56	6,765.6	27,804.5

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B. Factories Having Own Power Plants

Hsien	No of Factories	Capacity (kw)
Canton	1	119
Swatow	1	2,000
Total	2	2,119

C. Power Plants Listed by Electric Companies (privately owned)

Name of Company	Location	Capital (1,000 yuan)	Type and No	AC or DC	Capacity (kw)
Canton	Canton	3,030	Steam turbine 6	AC	16,700
Hung-kuang	Fan-min	80	Gasoline engine 1	AC	70
Fu-li	Fan-min	60	Diesel engine 2	AC	140
Kuang-hua	Nan-hai	250	--	AC	1,250
Li-an	Nan-hai	62.4	--	--	60
Pen-mei	Fan-t'ung	28	Gasoline engine 1	AC	42
T'ien-feng	Fan-t'ung	21	Diesel engine 1	DC	52
Kuang-ta	Nan-hai	40	--	--	60
Kuang-chung	Shun-te	140	Steam turbine 2 Diesel engine 2	AC	2,900
Liang-ch' ng	Shun-te	40	--	--	80
Kuan-ch'eng	Tung-kuan	50	--	--	40
Kuang-i	Tung-kuan	70	--	AC	142
P'u-chao	T'ai-shan	40	Gasoline engine 1 Diesel engine 2	AC	52
Yung-ming	T'ai-shan	63	Diesel engine 2	AC	240
Ta-kuang	T'ai-shan	14	--	DC	35
T'ung-hsing	T'ai-shan	--	--	--	--
Ti-kuang An-chi	Chung-shan	650	Steam turbine 2	AC	2,000
Ta-kuang	Chung-shan	25	Diesel engine 1	DC	25
Heng-t'uan	Chung-shan	80	--	--	--
Hsin-kuang	Hsin-hui	140	Gasoline engine 4	AC	370
Yao-nan	San-shui	70	Gasoline engine 2	AC - DC	155

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Name of Company	Location	Capital (1,000 yuan)	Type and No	AC or DC	Capacity (kw)
Yao-hua	San-shui	70	--	--	--
Kuang-yuan	Ching-yuan	35	Gasoline engine 2	AC	87
Jui-kuang	Kao-yao	60	Gasoline engine 2 Diesel engine 1	AC	140
Chen-yeh	Ssu-hui	30	Gasoline engine 1 Diesel engine 1	AC	142
Fa-ming	K'ai-p'ing	50	--	--	--
Ch'ang-sha	K'ai-p'ing	10	--	--	--
Kuang-yuan	K'ai-p'ing	30	--	--	--
Yao-lo	Lo-ting	25	--	--	--
Tu-ch'eng	Yu-nan	--	--	--	25
Shao-kuang	Ch'u-chiang	100	Diesel engine 2	AC	180
Kuang-ya	Nan-hsiung	50	--	--	--
Ai-chun	Ying-te	20	--	--	--
Hui-tung	Hui-yang	35	Diesel engine 2	AC	100
Kuang-hai	Hai-feng	40	--	--	--
Lung-ch'uan	Lung-ch'uan	80	--	--	168
Ch'ang-ming	Ch'ao-an	80	Steam engine 2	AC	310
Kuang-hua	Ch'ao-an	30	--	--	--
K'ai-ming	Swatow	512	Steam engine 4	AC - DC	1,540
Kuang-li	Swatow	48.4	--	--	--
P'u-i	Chieh-yang	40	Diesel engine 1	AC	125
Kuang-yao	Mei-hsien	62.4	Gasoline engine 2	AC	90
Hsing-kuang	Hsing-ning	32.4	--	--	40
Kao-chou	Mao-ming	80	--	--	40
Fu-yang	Yang-chiang	18	--	AC - DC	64
Ch'i-ming	Ch'iung-shan	100	Diesel engine 2	AC	100
Wen-ch'ang	Wen'ch'ang	--	--	--	--
Yai-chou	Yai-hsien	70	--	--	--
K'ai-ming	Ch'in-hsien	11	--	--	--
T'ung-ming	Tseng-ch'eng	14	Diesel engine 1	AC	30

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D. Foreign-Financed Plant

Name	Location	Owner	Capital	Type and No	AC or DC	Capacity (kw)
Chung-hua Electric Company	Kowloon	British-owned	2,200,000 yuan	Steam turbine 8	AC	19,500

E. Factories Having Own Power Plants

Name	Location	Capacity (kw)	Owner
Canton-Kowloon RR Shop	Canton	119	Chinese
Ch'ao-Shan RR El Plant	Swatow	2,200	Chinese

KWANGSI PROVINCE

A. Power Plants Listed by Hsien

Hsien	No of Plants	No of Generators	Capital (1,000 yuan)	Capacity (kw)
P'ing-lo	1	--	--	40
Kuei-lin	1	--	--	135
Pei-liu	1	--	--	60
Yu-lin	1	2	65	100
Nan-ning	1	4	160	243
Lung-ch'uan	1	--	--	45
Pai-se	1	--	--	40
Wu-chou	1*	1	595	1,000
Liu-chou	1**	2	--	88

*Operated by the Wu-chou Construction Bureau

**Operated by the Liu-chou Construction Bureau

B. Factories Having Own Power Plants

At I-shan, Kwangsi Province, there is a factory with a capacity of 3,200 kilowatts.

C. Power Plants Listed by Electric Companies

Name of Electric Company	Location	Management	Capital (1,000 yuan)	Type and No	AC or DC	Capacity (kw)
Wu-chou.	Wu-chou	Public	595	Diesel engine 1	AC	1,000
Liu-chou	Liu-chou	Public	--	Gasoline engine 1 Diesel engine 1	AC	88

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Name of Electric Company	Location	Management	Capital (1,000 yuan)	Type and No	AC or DC	Capacity (kw)
P'ing-lo	P'ing-lo	Private	--	--	--	40
Kuei-lin	Kuei-lin	Private	--	--	--	135
Chin-kuang	Pei-liu	Private	--	--	--	60
Chen-hua	[illegible]-lin	Private	65	Gasoline engine 2	AC	100
Nan-ning	Nan-ning	Private	160	Gasoline engine 4	AC	243
Lung-ch'-uan	Lung-ch'-uan	Private	--	--	--	45
Jih-kuang	Pai-se	Private	--	--	--	40

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